

SC979-U-8 PTO
001909556



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| | | Subclass |
| | Class | ISSUE CLASSIFICATION |

PATENT NUMBER

U.S. Utility Patent Application

O.T.P.E.

PATENT DATE

SCANNED

6.A.7.W

| | | | | | |
|------------------------------|------------|--------------|----------------|--------------------|------------------------|
| APPLICATION NO. 09/898556 | CONT/PRIOR | CLASS 514 | SUBCLASS 44 | ART UNIT 16-149 | EXAMINER LACON/CLFC |
|------------------------------|------------|--------------|----------------|--------------------|------------------------|

APPENDIX

C. Bennett
Susan Freier

TITEL

Antisense modulation of HKR1 expression

PTO-2040
12/89

ISSUING CLASSIFICATION

| ORIGINAL | | CROSS REFERENCE(S) | | | | | |
|------------------------------|----------|--------------------|-----------------------------------|-----|-----|-----|------|
| CLASS | SUBCLASS | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | |
| INTERNATIONAL CLASSIFICATION | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 |
| 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 |
| 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 |
| 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 |
| 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 |
| 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 |
| 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 |
| 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 |
| 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 |
| 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 |
| 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
| 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 |
| 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 |
| 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 |
| 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 |
| 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 |
| 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 |
| 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 |
| 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 |
| 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 |
| 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 |
| 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 |
| 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 |
| 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 |
| 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 |
| 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 |
| 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 |
| 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 |
| 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 |
| 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 |
| 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 |
| 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 |
| 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 |
| 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 |
| 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 |
| 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 |
| 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 |
| 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 |
| 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 |
| 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 |
| 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 |
| 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 |
| 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 |
| 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 |
| 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 |
| 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 |
| 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 |
| 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 |
| 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 |
| 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 |
| 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 |
| 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 |
| 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 |
| 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 |
| 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 |
| 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 |
| 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 |
| 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 |
| 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 |
| 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 |
| 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 |
| 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 |
| 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 |
| 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 |
| 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 |
| 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 |
| 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 |
| 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 |
| 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 |
| 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 |
| 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 |
| 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 |
| 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 |
| 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 |
| 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 |
| 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 |
| 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 |
| 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 |
| 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 |
| 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 |
| 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 |
| 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 |
| 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 |
| 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 |
| 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 |
| 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 |
| 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 |
| 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 |
| 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 |
| 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 |
| 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 |
| 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 |
| 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 |
| 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 |
| 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 |
| 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 |
| 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 |
| 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 |
| 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 |
| 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 |
| 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 |
| 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 |
| 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 |
| 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 |
| 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 |
| 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 |
| 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 |
| 929 | 930 | 931 | 932 | 933 | 934 | 935 | 936 |
| 937 | 938 | 939 | 940 | 941 | 942 | 943 | 944 |
| 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 |
| 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 |
| 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 |
| 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 |
| 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 |
| 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 |
| 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 |

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| TERMINAL DISCLAIMER | | DRAWINGS | | | CLAIMS ALLOWED | | |
| | | Sheets | Drwg. | Figs. | Print Fig. | Total Claims | Print Claim for O.G. |
| <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed. | | | | | (Assistant Examiner) _____ (Date) _____ | | |
| <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent No. _____ _____ | | | | | (Primary Examiner) _____ (Date) _____ | | |
| <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed. | | | | | (Legal Instruments Examiner) _____ (Date) _____ | | |
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